FRANCIS, BRO. & CO.,

Members New York Stock Exchange, 214 N. Fourth Street.

INVESTMENT SECURITIES, BONDS, STOCKS.

Mississippi Valley Trust Company.

FOURTH AND PINE STS.

CAPITAL AND SURPLUS, \$6,500,000.

Buys and Sells Investment Securities. Bond List

MISSOURI TRUST COMPANY.

The Oldest Trust Company in Missouri,

HAS REMOVED TO THIS CITY,

S. E. Cor. Seventh and Locust Sts.

Interest Paid on Deposits.

Accounts Solicited.

D. A. CRANDALL, President. J. A. WEBB, Counsel.

JOHN C. WILKINSON, Vice-President and Secretary. GEORGE L. FAULHABER, Treasurer.

Wm. C. Little & Bro.

alers in minimum at other exchanges putted by private wire. FOR SALE.

\$20,000 Carrollton, Mo., Impot. 4s. \$30,000 State of Jalisco, Mexico, 6s. \$40,000 United States of Mexico gold 5

LONDON UNLOADED ON NEW YORK MARKET.

MARKET STRONG UNDER THE PRESSURE.

In Many Instances Advances Were Recorded - Steel Stocks Active and Strong.

New York, Dec. 18 .- A decline of some three-eighths of a point in British consols on the possibility of the Bank of England rate being advanced on Thursday, and the discouraging news from South Africa, adversely affected the market in London, and even American stocks showed framional declines. The possible extension of guerrila warfare into Cape Colony was the only foreign news of any importance. Exchange on London in both Paris and Berlin was very low, but there was no change in the quoted discount rates in any of the European centers.

pectedly large seller, probably to the ex-tent of 60,000 shares or more. In view of such pressure as this, the market may be considered to have shown very fair strength, and none of the railroad stocks showed any serious decline. In many in-clances advances were recorded, noticeably in Big Four, New York Central and the other Vardarbilly. The husbar of Northary other Vanderbilts. The buying of Northern Pacific and St. Paul on the reaction was of a good character, and, in spite of the activity of the last few days, the market is by no means full of stock. On the other hand, quite a considerable short interest has developed in Sugar, Brooklyn Transit and Northern Pacific. That in Atchison common is probably considerably reduced. Dividend rumors on the Vanderbilts are sanguine, but there is no reason to expect a change in anything but Lake Shore and Nickel Plate, where it may be expected that the dividend on the former will be increased, and that something will be paid on the second preferred for the latter.

Steel stocks showed considerable activity and strength, and the public seems not unwilling to take hold of tractions and industrial stocks of undoubted value. The great strength shown in the Erie stocks and bonds, supposed to be due to Morgan buying, strengthened the whole list. The public demand for bonds was noticeably good, and higher prices were in most cases recorded. Northern Pacific was firm, with an advancing tendency and some appearance of a renewal of the buying which caused the recent advance. Eries and the Atchisons were in demand in the loan crowd, and stocks senerally were not particularly plentiful. It may naturally be expected that the Bank of England will advance its discount the to 4½ per cent on Thursday, but it is be kely that any higher rate will be recorded. London has been a somewhat erratic trader in the recent past in American stocks, but in spite of the heavy selling today there is a distinct disposition there to take held of them. In view of the continual disappointments in Kaffir mines and English railways it is not surprising that speculators on the other side see a more tempting outlook in America. Federal Steel was strong on the report that the samual statement showed \$14,000,000 surplus, and that the board intended to amend its charter to allow payment of quarrierly dividends after the deciaration of 5 per cent in one lump on the common stock for 1856. All the coal companies allied with Ontario and Western excepting the Scranton Coal Company have been consolidated. This will include eleven colleries with a capacity of 2,000,000 tons anaually.

There has been quite a little buying of Kanawha and Michigan on the belief that the taking over of Toledo and Ohlo Central, which owns the majority of its stock, by the Hocking Valley will put the minority stock the second preferred for the latter.

Steel stocks showed considerable activity

conferies with a capacity of 2,000,000 tons annually.

There has been quite a little buying of Kanawha and Michigan on the belief that the taking over of Toledo and Ohio Central, which owns the majority of its stock, by the Hocking Valley will put the minority stock on a hetter basis. It is anticipated that steel hoop next month will either declare a quarterly dividend of 1½ or 1½ per cent, or a lump dividend for the year. Whatever may be the anticipations as to the course of money before the 28th, its movements at present are not disquieting, and, aithough it may check trading, less anxiety is felt about it than in any December in years. It is perfectly plain at any rate that large blocks of the best class of railroad securities have been bought and taken off the street.

St. Louis, Tuesday, Dec. B. 1900.

The following shows the opening, highest, lower and closing quotations on the New York stock Exchange to-day. Corrected daily for The Republic by D. R. Francis, Bro. & Co., bonds and stocks, 214 North Fourth street:

New York Curb Stocks.

Do. pfd
Pistilling Company of America
Do. pfd
Electric Beat
Do. pfd
Electric Vehicle
Do. pfd
Electric Paeumatic
Flemington Coal and Coke

The following synopsis of the goesio in regard to the leading features of the New York market was received by D. R. Francia Bro. & Co. New York, Dec. 18.—London prices came lower than our own, and some cables spoke of the money altuation on the other side as being unsettled and indicating an advance in the bank rate on Thursday. The arbitrage brokers were lieavy sollers from the opening until afternoon; the sales, which amounted to about 10,000 shares, including all the active international stocks excent Southern rathways.

The heavy London selling induced many room traders to take aggressive position on the bear side, and they offered most of the active stocks continuity throughout the day. The heaving on the decline was, however, considered good, as in the case of St. Paul, in which nearly all the selling was by room traders, and which was bought in Loss-share lots by Moore & Schley and Houseman & Co. Bell & Co., and Provost Rvs. Most of the litterest of the Stock Exchange in the late trading was centered in anticipation of developments at the Vanderbilt meetings to-mornow. It was current rumor that the Nickel Plate first preferred will be retired and shat formal action will be taken in the matter to-morrow. Brokers active in Sugar said that the stock was bought early by Talbot J. Taylor & Co. and brokers for Sugar trade interests. The sharp advance was apparently based on dispatches reporting that the Arbuckle suits against the Woolson Spice Company had been withdrawn. There was urgent covering of shorts on the advance, and it New York Market Gossip.

BOATMEN'S BANK.

Capital and Surplus,

Rufus J. Lackland, President.
Edwards Whitaker, Vice President.
E. M. Rubbard, Second Assistant Cashier.

With large means and extended facilities at command, we solicit the accounts of Merchants, Manufacturers, Banks and others, promising strict attention to all Interests intrusted, and every consistent accommodation.

INTEREST PAID ON TIME DEPOSITS ONLY, and as follows: Six Months, rate Twelve Months -

MURRAY CARLETON, SAMUEL CUPPLES, GEORGE & DRAKE, WM. L. HUSE, R. McK. JONES,

RUFUS J. LACKLAND.
GEORGE E. LEIGHTON,
BYRON NUGENT.
E. O. STANARD,
WM. H. THOMSON,
EDWARDS WHITAKER.

was thought the movement was chiefly made to force these shorts to cover. The stock has learned steadily at 4 per cent, but recently became scarce. Nickel Plate second preferred was bought acronal 5a by Webs & Pratt. The busing to day like that for many day preceding, was declared to be based on a belief that a division of 2 per cent will be declared on the stock this week.

There was heavy relling of Northern Parific before near. Leadon houses and 20,00, Hallaton & Holges 10,00, and Criss & Andrews 10,000. A Household & Hodges 10,00, and Criss & Andrews 10,000. A Household & Hodges 10,00, and Criss & Andrews 10,000. A Household & Hodges 10,00, and Criss & Andrews 10,000. A Household & Hodges 10,00, and Criss & Andrews 10,000. A Household & Hodges 10,00, and Criss & Andrews 10,000. A Household & Hodges 10,00, and Criss & Andrews 10,000. A Household & Hodges 10,00, and Criss & Andrews 10,000. A Household & Hodges 10,000. A Househol er was of no importance to-day and rates about 5 per cent. Demand sterling 4.5%,

BOND SALES AT NEW YORK.

First	Call.
19,600 Atch gen 4s.	8,000 M P tr Se. 1055
1021-91075	10,000 N Y C L S
25,000 Aich adj 88%	3140 9774 11 98
75,000 B & () Sign 95	10,000 do M C 3148 97
25,600 Bkin Un Gas	104% 6/106
581151-0116	385,000 N P gen de.
27,000 C Ga con 68	701-67 71
96% or 96%	11,000 O S L 181 6s
26,000 C & A 31gs.	1297 121294
854 91 85%	25,000 P & Eng 4s
20,000 C & O gen	43% (F 41%
44 104	5,000 Rdg gen 4s.
10,000 (h) Term 4s. 93	901. G 9014
20,000 Cot & So 1st	24,000 St L I M gen
2,000 D R G con	100,000 St L S W 1st
to	54140 St L. S 54140 95
47,000 Erte 1st con	45 000 do 24 to
40 9674 9574	725449 7214
142,000 do gen 4s	12,000 Sou Pac 4s . 824
84W S4%	26,000 Son R R 1st
77,000 T G B & W	20,000 L P 1st 4s.
deb	20,000 L P 1st 4s.
110,665 K C Sou 3s. 68	1057, 67107
20,000 Mex Cen 1st	10,000 Wab 1st is .117%
870,000 M K T 24 4s	62,000 Wab deb B.
75 tr 75%	21,000 W C gen 4s
79,000 do ext In	87149 8714
243-0 264	21.00

| 17,000 Atch add | 10,000 for the local State | 10,000 for the local Stat

2,000 Kings Co Elv	g m 94						
Third Call.							
29,000 Atch 48 1835 102% 25,000 do adi 85%	40,000 Met St R R						
18,000 H C R N 1st 1064, 5,000 B & O 4s. 1005,611007,	35,000 M K T 2d 741±0 74 18,000 N P 2s						
12,000 C & A 314 85 16 65,000 C & O 4145 104 1,000 C & N W S	10,000 N P 4s						
2,066 C C g m 4s .101½ 15,000 C Ga con 5s 96% @ 97	75,000 Hdg 4s 90 4,000 Seu R R 5s.						
7,000 D R G 4s. 101% 70,000 Erie g m Hen 84% of 84%	20,000 St L I M 45, 84% (2 St 2,000 Tex Pac 2d, 85						
185,000 Erie 4s.56% 3 57 2,000 E T V & Ga con 5s	19,000 Wab 18t 1171-00118 45,000 Wab deb 11 411-92 41						
1,000 I P &	20,000 W U 4150 106 (r 100						

	G	ave	rne	nent	Ho.	nds		
New	York.	Dec.	18	-Gov	rermn	nent.	bonds	tere
ular.			-24					
United	States	ref.	200	reg	1000			194
I'mtted	States	tref.	2.6	1000	p			
I nited	States	58.	reg	****				3.14
United	States	28.	COST	D				110
United	States	neu	44.	reg				139
United	States	new	48.	coupe				175
I miteral	States	old	40.	reg:				
I mitted	States	old	4%.	coup				
United	States	Sa.	reg					113
T to the said	STRICH	15 Diff.	420038	D		***	* * N I C - V C	1.5
District	of Co	lumi	sta. 3	. 65 a				121
		on course	211		-			
97	OCKS	AN	DI	OXI	DS 1	X B	OSTO	*

Mining Shares.

Adventure 75 Franklin 15
Allouez Min. Co. 25
Allouez Min. Co. 25
Arnold 584-5
Boston & Montann 279901

Butte & Boston. 56
Calumet & Heela 502815
Centennial 274

Mining 215
Writeria 34
Wolverines 46

England.

London, Dec. 18.—Connols for money 27.5-16, for the account 5715. Atchisson 454, Canadian Pacific 584, St. Faul 1853; Illinois sentral 11245; L. & N. 574; Imon Pacific preferred Set, New York Central 16. Eric 295; Pennsylvania 394; Reading 1715; Eric first pfd. 595; Northern Facific pfd. 1715; Eric first pfd. 1715; Eric first pfd. 595; Northern 1715; Eric first pfd. 595; Lasbon 18.25.

Ayres 1714; Andrid 31.37; Lasbon 18.25.

The amount of bullion withdrawn from the Bank of England on balance to-day was 65,000 pounds. Spanish 48 545.

Paris, Dec. 18.—Prices opened irregular on the Rourse to-day. Internationals, except Italians, were firm. Rio into swere firm, owing to the decrease in copper stocks, but reacted later to yesterday's level. Kaffirs were weak and toward the close this condition was accentuated. Spanish 48 were in strong demand at first, but declined later. During the second part of the day the unfavorable disposition became general, including Parquet stocks. Banks declined. Gas was freely offered and transways and tractions were weak. Three per cent rentes 11 79c, for the account Exchange on London 25 85c for the eccount Exchange on London 25 85c for the eccount. Exchange on London 25 85c for the eccount.

Treasury Statement.

18. Exchange, 12, 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 42; 60, 43; 60, Chloage, III. Dec. 18. Clearings, \$21,03,55; balances, \$1,63,183, New York exchange \$21,03,55; balances, \$1,63,183, New York exchange \$6 premium, Sterling exchange \$4,805,04,34; Che-innatt, O., Dec. 18. Money at 1 to 6 per cent. New York exchange 15c discount, Clearings, \$2,581,580.

days 4.804, 38 days 4.784.775, 4.784, Grain fells 4.814.785, cotton 4.784, ltankers Faris ablegible; checks 5.174.881-16; 60 days 5.205. Commercial French france 5.174.881-16; 91 days nocks 5.294(f) 14; 00 days 5.244(f) ff-14; checks 5.194(f) 15; 60 days 5.234 reichsmarks, cables 55 1-16(f); checks days 54 5-16(f); days 54 5-16(f); 60 days 52 15-16; 50 13-160 to Commercial checks 40 1-16; 60 days 10% 91-16.

THE LOCAL MONEY MARKET.

Business Among Banks and Trust Companies Active and Large.

Nothing that is really new has developed in local thancial circles and no changes of any importance are looked for until after the New Year, if they come then. The business trainaged among the various institutions was active and on quite a large scale, though not quite up to that of Monday. There was the usual good demand for money, which was in ample supply, and loans were made, without trouble on the old basis of 5 to 7 per cent for call and time money. Ciecking was active and deposits fully up to the regular daily average, and business with country banks very encouraging.

The bank clearings, as reported by the local clearing-house, were large, at \$1.06.58; the balances amounting to \$1.06.298.

Bomestic Exchange.

Whitaker & Hodgman, bond, stock, commercial Companies Active and Large.

Corrected daily by Gaylord, Blessing & Co., 307 LOCAL STOCKS AND BONDS.

An Off Day-Dealings Light and It was an off day on the local Stock Exchange and the dealings were light. During the first half of the session the market was practically dead, but later there was more interest taken and some trading was done in Granite-Bi-Metallic and United Railway, pretty much everything else being neglected. The sales made were small, comparatively speaking, and generally made at the sacrifice of values, the weskness being quite recombard.

There was nothing doing in local trust stocks but the few quotations made were in most cases well up around the top.

A telegram received late at the Granite-Bi-Metallic Mining Company stated that in level 150 south, cross cut, east drift, there had been an other strike of 4 feet, running 150 cunces of sil-ver and 45 gold to the tor. This news was re-ceived too late to cause any excitement among

terokers. Closing quotations:	- Comments
Bid	Asked
United Ratiways 4s \$ 86.00	58.2
Do nfd 66.75	57.0
Transit or common	19.0
Missouri-Edicon common	19.0
De 58	96.0
St Louis and Suburban 50.00	50.5
Do 5s 105.80	1016
Mississioni Valley Trust 306.59	219.0
Lincoln Trust	151.0
Se Louis Trust	*****
Mercantile Trust	****
Third Notional	161.5
Fourth National 211.60	
American-Nettle 1.25	1.3
Cravite lit Metallic 2.614	2.5
St Joe Lead 14.0)	****
Columbia Lead 19.00	2177
Ptrescries, \$1,000 Gs 100.00	100.58
International Automatic Air Brake	-
and Counter 3,00	3.5
Chemical Ballding	*****
Union Depot longs	121.5
Perceluge Cables	201 00
Missouri Electric Light	120.0
Webster Bank	2000

Dried Fruits.

New York, Dec. 18.—Inquiry for the desirable grades of evaporated apples remains fair, at current questations. The undertone of the market was firm, and prices at the close were tending upward. State common was quoted at 455c; rime 45,654c; belove 54,95c. California different distributions were outer and nominally unchanged, at 75,65th, per lb. for prunes, as to size and quality. Apricots, royal, 1154c; Moor Park 15,916c; peaches, peeled, 15670c; unpeeled, 555c.

DISPELS RUMORS OF WAR.

Chile Has Invited Tenders for 50,-600 Tons of Coal for Railroads.

Santiago de Chile, Dec. 18.—The Govern-ment of Chile has invited tenders for 50,000 tons of coal for the railroads and 400 freight cars. This is looked upon as dispelling the rumor that Chile is likely to be at war in the near future.

REPUBLIC SPECIAL,
Clinton, Ill., Dec. 18.—The fine weather
brought out a large number of farmers and
farm exhibits at the three days' farmers'
institute here to-day, E. E. Chester of
Champaign, Miss Brenneman of Minler, and
J. Shannel of Urbana will speak to-morrow.

JOURNAL

OF THE

Board of Public Improvements

CALLED MEETING.

OFFICIAL.

St. Louis, December 15, 1990.

Pursuant to call of the President the Board met at 11:45 o'clock n. m., all the Commissioners having waitved notice.

Present—Commissioners Varreimann, Flad, Hermann, Ridgely and Alt and President McMath.

liermann, Ridgely and Alt and President McMath.
Absent (Sick)—Secretary E. S. Foster.
The Committee on Water Department submitted the following report:

Honorable Board of Public Improvements:
Gentlemen-Your emmittee on Water Department submit the following report upon the proposition of Mr. G. E. M. Pratt, dated August 23, 1960, for furnishing a supply of water for the City of St. Louis from the Meramec Ryier, by gravity into the distribution system of the city at a price permillion gallons which he states "shall not be to exceed the present cost plus the reasonable cost of filtration" (of Mississippi River water), with the condition that "the city must agree to take and pay for a minimum daily supply of seventy million (70,070,00), gallons and agree to take ail of its water from the contractor up to the limit of said works."

In the consideration of the Meramec Spring and River as a source of water supply for the City of St. Louis, the questions of first Importance are:

1. Quantity of supply with reference both to present and future needs.

2. Quantity of water, and a comparison with the quality of water to be obtained

Quantity of supply with reference both to present and future needs.
 Quantity of water, and a comparison with the quality of water to be obtained from the Mississippi River.
 Cost of constructing, operating and maintaining the works and extensions as such become necessary, compared with the cost of a suitable supply from the present source.

Ource. As secondary considerations we may men As secondary considerations we may mention:

1. Municipal ownership, as contrasted with ownership in whole or in part by a private corporation.

2. Difficulty of providing against possible interruption of the supply due to accidents or to overt acts of evil-minded persons.

In answer to a written request for copies of maps, plans, profiles, reports, etc., we received certain documents and plans, all of which are appended hereto and marked for identification. Exhibits "A." "R." "C." "D." "E." "F." "G." "H." "I." "I and "K."

Your committee gave Mr. Pratt and his associates an opportunity to explain the merits of the proposition at a hearing held November 30, 1909. A stenographic report of the meeting is hereto attached, marked Exhibit "F."

Your committee visited the spring, collected samples of water from the spring and from the Meramec fiver above the site of the proposed dam, and also made an examination of the proposed site of the distribution reservoir and of part of the pipe and conduit line.

QUANTITY OF WATER.

So far as we can learn, there have been no accurate gaugings of the flow of the Meramec spring, but the estimates of the flow as given in the documents submitted to us place the minimum flow at seventy-live million (5,500,000) gallons per day. The works are designed for a capacity of one hundred million gallons per day from the intake to the distributing reservoir. From this point to the city the capacity of the pipe line will necessarily be largely increased.

We assume that the capacity of the works a serversed would be sufficient until the

creased.

We assume that the capacity of the works as proposed would be sufficient until the average consumption for the month of maximum consumption reaches one hundred million gallons per day, which we estimate will obtain when the annual average consumption reaches eighty-seven million gallons are day.

sumption reaches eighty-saven lamber gat-lens per day.

The maximum daily consumption has al-ready reached ninety-two million gallons.

During the month of August, 1968, the av-erage daily consumption was eighty-two million gallons. We estimate that in 1906 the consumption for the maximum month will be about one hundred million gallons per day. will be about one hundred million garwill be about one hundred million garyer day.

It is evident, therefore, that the spring
cannot be depended upon to furnish a suprily of water sufficient for the present needs
of the city. Therefore, even at the outset,
of the supply of water from the spring would
the supply of water from the supply from

of the city. Therefore, even at the outset, the supply of water from the spring would have to be supplemented by a supply from the drainage area of the Meramec River.

To supplement the supply from the spring Mr. Pratt proposes to place a dam across the valley of the Meramec and utilize the dry-weather flow of the Meramec, coming from an area which is estimated as three hundred square miles. It is claimed that the spring and dry-weather flow from this drainage area combined would furnish the contemplated supply of one hundred million gallons per day. (See exhibit "E").

If the Meramec is to be considered as the source from which all future water supply for St. Louis is to be taken, under the proposition of Mr. Pratt or otherwise, it is necessary to look beyond the present wants of the city. We have already shown that the spring is by itself inadequate for our present needs, and that the estimated joint volume of the spring and dry weather flow of the upper Meramec, one hundred and five million gallons daily, will not suffice for anticipated demands much beyond 1905.

The statement was made to your commitof the city. Therefore, which apply from the drahage area of the Steward and according to the Steward and according to the Steward and the standard and the source from which as it is not a standard and the source from which as it is not be taken, under the source from which as it is not be taken, under the source from which as it is not be taken, under the source from which as it is not be taken, under the source from which as it is not be taken, under the source from which as it is not be taken, under the source from which as it is not be taken, under the source from which as it is not to the standard and the

so turbid on May 9, May 16 and May 26, when they visited the spring for the purpose of collecting samples for analysis.

Considering the limited supply of the Meramec spring and the lact that with every increase in the consumption an increased proportion of the water would of necessity be taken from the watershed of the Metamec, it is fair to consider that the plan proposed is essentially to abandon our present source of supply for a supply of water such as is furnished to the cities of New York, Baston, Baltimore and San Francisco, where the rainfall from large areas is collected in impounding reservoirs. The difficulties in the way of keeping such supplies pure and free from sewage contamination are almost insurmountable.

It is generally conceded by scientists familiar with the subject that the comparative death raises by typhoid fever furnish the best indication as to the relative purity of the water supplied to various cities. The vital statistics of St. Louis show a death rate from typhoid lever since 185 (the date when we began to take water from the intake at the Thain of Rocken not materially screater than New York and considerably less than Boston, Baltimore and San Francisco; hence, paged by this standard, the incimited, unfiltered waters of the Missister from the ateas from which New York, Boston, Baltimore and San Francisco obtain their water supplies. The average annual death rate per one hundred thous and population by typhoid fever from 186 to 1859, inclusive, was twenty-two for St. Leuis, seventeen for New York, thirty-two for St. Leuis stranches than is collected from the Croton and other areas whence city supplies are obtained.

Theoughtedly the water furnished from the Croton and other areas whence city supplies are obtained.

Theoughtedly the water furnished from the comparatively clear, but modern sanitary requirements would probably call for a flitation of said water with almost as much force as they now do for a filtration of he water which we are taking from the Mississippi River.

COST

Interest on £0,000,000 at 3½ per cent 5. Sinking fund sufficient, with compound interest, to replace plant at original cost in forty years, List per cent. Operating and mointaining, including care of reservoir, pipe lines, conduits, etc. (Mr. Herschel's estimate. See Exhibit "K") 190,000.00

100,000.01 Cost of unfiltered water from Meramec spring and river:

87x385, equals \$2.54 per million gallons.

If we base the estimate upon the proposed charges per million gallons, as given in the various documents submitted to us. to-wit: \$2.60 per million gallons for the first seventy million and fourteen dollars per million gallons for the balance, up to the capacity of the works, we have: 70x35, equals \$2450.60.

47 mil. gal., \$288.60, equals \$10.90 per mil. gal. Estimate of cost. filtered water from Mississippi River, average total daily consumption of \$7 million gallons; one hundred million gallons per day during month of maximum consumption.

Operating and maintaining the High and Low Service Pumping Stations, and the Settling Rasins, based upon present expenses, increasing such portions as would increase with the consumption (for details see Exhibit S.)

Sinking fund sufficient with compound interest at 3½ per cent to replace machinery costing \$2,250.600.00 in thirty years 1.957 per cent

cent
ost of filtration, including interest,
sinking fund and operating expenses, 87 million galions per day
at \$19 per million (for details see
exhibit "T") Total\$761,132.00

87x365, equals \$23.96 per million gallons for filtered water. 443662

tional injury.

2. That the City of St. Louis should under all conditions design, own and operate its waterworks system, and that contracts for construction according to the city's plans should be so let as to secure competition.

We recommend that the proposition of Mr. G. E. M. Pratt be filed.

Respectfully.

E. A. HERMANN,

HENRY ALT,

ROBT. E. McMATH,

Committee.

The following documents and plans are appended hereto:
Exhibit "A"—Specifications for Merames scheme submitted by G. E. M. Pratt.
Exhibit "B"—Letter from C. E. M. Pratt icinted 1, 1900.
Exhibit "C"—Letter from G. E. M. Pratt of Chairman of Committee, dated September 22, 1900.
Exhibit "C"—Letter from G. E. M. Pratt of Chairman of Committee, dated September 22, 1900.
Exhibit "D"—Letter from G. E. M. Pratt of Chairman of Committee, dated October 1, 1900.

to Chairman of Committee, dated October 1, 1980.
Exhibit "E"—Report of E. W. Harrison. Engineer, dated September 28, 1980.
Exhibit "F"—Map showing vicinity of Meramec Spring, intake reservoir and dam at bendworks.
Exhibit "G"—Map showing watershed of Meramec River, with watershed of the Streams tributary to the proposed system.
Exhibit "H"—Map showing approximate inne of aqueduct from dam to St. Louis, indicating massonry conduits, steel pipe and tunnels; also approximate hydraulic grades and surface levels.
Exhibit "H"—Description of concrete and exhausted metal conduit.
Exhibit "J"—Specifications giving character of steel and pipes proposed, being extract from specifications, Jersey City Water Sundy.
Exhibit "K"—Copy of reports of Clement Herschel, September 7, 1980; Regis Chauvenet & Bro., April II, 1900; William B. Potter, 1888; Gellert Alleman, May 21, 1900; Herman von Schrenk and Albert E. Taussig, June 5, 1900.
Exhibit "L"—Report of Armand Ravold and Geo. A. Johnson on bacterial analysis of sample of water collected from Spring on March 10, 1900.
Exhibit "W"—Report on chemical and bacterial analyses of sample of water collected from Spring on March 10, 1900.
Exhibit "N"—Letter from G. E. M. Pratt to Chairman of Committee, dated November 27, 1900.
Exhibit "O"—Letter from G. E. M. Pratt to Chairman of Committee, dated December 7, 1900.
Exhibit "R"—Letter from G. E. M. Pratt to Chairman of Committee, dated December 1, 1900.
Exhibit "R"—Letter from G. E. M. Pratt to Chairman of Committee, dated December 1, 1900.
Exhibit "R"—Letter from G. E. M. Pratt to Chairman of Committee, dated December 1, 1900.
Exhibit "R"—Letter from G. E. M. Pratt, dated July 21, 1900.

4, 1999,
Exhibit "R" Letter from G. El M. Pratt,
dated July 21, 1999.
Exhibit "S" Estimate of cost of pumping

Exhibit "S" — Estimate of cost of pumping with present plant.
Exhibit "T" — Estimate of cost of filtration, water from Mississippi River.
On motion the report was adopted by the following vote:

Ayes—6.
Adjourned.

EDW. FLAD. Secretary Pro Tem.

JOURNAL

-OF THE-

Board of Public Improvements.

Regular Meeting.

(OFFICIAL)

McMain.

Assent (Bick)—Secretary E. S. Foster.
The records of the meeting of December
II, 1860, were read, approved and signed.
The action of the President in issuing sundry permits was approved.
Bunary repair requisitions were approved.
The Communities on Street Department returned the following document with report

turned the following document with report as nereinafter written, and the document was need and the matter therein named was referred to the committee on Street Department, to wit:

Remonerance of Wm. S. Simpson, et al., against reconstructing Fifteenth street from Chark avenue to market street, under Board's Motion No. 5728.

St. Louis. December 14, 1908.

Respectfully returned to the Board with report that the owners of a major part of the property on the line of the proposed reconstruction—that is to say \$6 1-10 per cent of said property—remonstrate against the same.

CHAS. VARRELMANN,

CHAS. VARRELMANN, F. L. RIDGELY, EDW. FLAD, ROBT. E. McMATH,

The Committee on Street Department submitted the foliowing report:

St. Louis. December 14, 1900.

Honorable Board of Public Improvements:
Gentlemen—Your Committee on Street Department have the honor to submit for your approval the following:
An ordinance to improve north and south alley in city block No. 3761.

Estimate of cost to property owners 337.
An ordinance to improve alley in city block No. 262.

Estimate of cost to property owners 337.

60, 382.

Estimate of cost to city \$50, and to prop-rty owners \$1,50.

An ordinance to improve alley in city block An ordinance to improve alley in city older.
No. 1819.
Estimate of cost to property owners \$1,507.
An ordinance to improve western hair of
east and west alley in city block No. 1748.
Estimate of cost to city \$15, and to prop-

east and west alley in city block No. 1748.

Betimate of cust to city \$15, and to property owners \$21.

An ordinance to improve north and south alley in city block No. \$50.

Estimate of cost to property owners \$1,152.

Respectfully.

CHAS. VARRELMANN.

F. L. RIDGELY.

EDW. FLAD.

ROHT. E. McMATH.

Committee.

In each case the estimate of cost as submitted by the committee was adopted as the estimate of the Board.

The ordinances above named were adopted and recommended to the Municipal Assembly by the following vote in each case:

Ayes—6.

Noes—0.

The Committee on Sewer Department returned communication from Supervisor of Plumbing relative to violation of rules and regulations for government of plumbers and drainlayers by C. F. Starck Plumbing Company, with the following report, and it was nied, to wit:

St. Louis. December 14, 1900.

Respectfully,

£2. A. HERMANN,
HENRY ALT,
CHAS, VARRELMANN,
ROBT, E. McMATH,
Committee on Harbor and Wharf Department returned the following documents
with recommendation in each case that the
work be done by Workhouse prisoners, to
wit:

with recommendation in each case that the work be done by Workhouse prisoners, to wit:

Petition No. 68tl. For grading Sixth street between Kansas and Malt streets.

"Filling 9,000 cubic vards. Earth to be taken from public highways. Average distance of hauling 1,000 linear feet. Attached waiver examined and found all right."

Petition No. 7881. For grading Iron street between Michigan and Virginia avenues.

"Grading (cutting). 2,500 cubic vards. Average distance of hauling, 1,000 linear feet. Attached waiver examined and found all right."

And it was so ordered in each case, subject to approval of the Mayor, by the following vote in each case:

Ayes—6.

On motion the time of successful bidders in which to execute contracts under Latings Nos, 6400 and 6401 was extended five days by the following vote:

Ayes—6.

Noes—0.

A report from the Supervisor of City Lighting of his action on sundry applica-

Noes-0.

A report from the Supervisor of City Lighting of his action on sundry applications for permits was approved and filed.

A report from the Weisbach Street Lighting Company of America relative to progress of work under Contract No. 5803, was read and filed with the Supervisor of City Lighting.

Adjourned.

EDW. FLAD.

EDW. FLAD, Secretary Pro Tem,